

**WHAT IS CLAIMED IS:**

1. An information processing system comprising:

an information processing server connected to a network and including a server storage device having a plurality of objects stored therein, each object having unique information and a URL (Uniform  
5 Resource Locator) for accessing to said information processing server for updating; and

at least one mobile terminal being connected to said network for transmitting an install request including an install list including said unique information and the URL of an object among said plural objects  
10 that is necessary for installation;

said information processing server referring to said install list to select an object for transmission from said plural objects stored in said server storage device to transmit the selected object.

2. The information processing system according to claim 1, wherein said mobile terminal includes a terminal storage device having stored therein a group of objects among said plural objects;

said install request further including an installed list including  
5 therein the unique information and the URL of said group of objects; and wherein

said information processing server refers to said installed list to form a list of unneeded objects, among the objects of said group of objects, said unneeded object being an object which becomes  
10 unnecessary when said selected object has been installed on said terminal storage device, and sends said list of unneeded objects to said

mobile terminal along with said selected object.

3. An information processing system comprising:

an information processing server connected to a network and including a server storage device having a plurality of objects stored therein, and

5 at least one mobile terminal connected to said network and including a terminal storage device having stored therein an object group among said plural objects, said mobile terminal sending an install request to said information processing server; said install request including an install list representing a needed object among said plural  
10 objects that is necessary for installation and an installed list representing said group of objects installed in said terminal storage device;

said information processing server referring to said install list to select an object for transmission from said plural objects stored in said  
15 server storage device; said information processing server also referring to said installed list to form a list of unneeded objects, among the objects of said group of objects, said unneeded object being an objects which becomes unnecessary when said selected object has been installed on said terminal storage device, said information processing server  
20 sending said selected object and the list of unneeded objects to said mobile terminal.

4. The information processing system according to claim 3, wherein each of said plural objects includes unique information and a URL (Uniform Resource Locator) for accessing to said information

processing server for accessing;

5           said install list having therein the unique information and the URL of said needed object stated by said mobile terminal;

          said installed list having therein the unique information and the URL of said group of objects stated by said mobile terminal; and wherein

10           said list of unneeded objects have therein the unique information and the URL of said unneeded objects stated by said information processing server.

5.       The information processing system according to claim 2, wherein

          said mobile terminal performs installs the selected object sent from said information processing server in said terminal storage device,

          said mobile terminal referring to the list of unneeded objects sent  
5       from said information processing server to delete said unneeded object from said group of objects; and wherein

          said selected object and the deleted group of objects are stored in said terminal storage device as an updated group of objects by said mobile terminal.

6.       The information processing system according to claim 5, wherein

          said install request further includes terminal identification information for discriminating said mobile terminal;

          said information processing server forming a list of state of use  
5       of the objects, responsive to said install request, to store said list in said server storage device;

          said list of state of use of the objects having therein said terminal

identification information, said unique information and the URL of the  
unneded object, presently deleted, said unique information and the  
10 URL of said group of objects having said unneded object deleted, and  
said unique information and the URL of presently newly installed  
selected object, stated by said information processing server.

7. The information processing system according to claim 6, wherein  
said mobile terminal sends to said information processing server  
a recovery request, as said install request, for restoring the updated  
group of objects, installed in said terminal storage device, to said group  
5 of objects, when a malfunction occurs in executing each object of the  
group of the updated objects installed in said terminal storage device;

said recovery request including a recovery request list having  
stated therein by said mobile terminal said terminal identification  
information and said unique information as well as the URL of said  
10 updated group of objects installed in said terminal storage device;

said information processing server referring to said recovery  
request list and the list of state of use of the objects stored in said server  
storage device to select from said plural objects stored in said server  
storage device said unneded object to be installed by said mobile  
15 terminal in said terminal storage device; said information processing  
server forming a list of unneded restoration objects, among the objects  
of said group of objects, having therein the unique information and the  
URL of the selected object which become unnecessary when the  
unneded object has been installed in said terminal storage device, said  
20 information processing server transmitting the list of unneded

restoration objects to said mobile terminal along with said unneeded object.

8. The information processing system according to claim 5, wherein said information processing server refers to said install list to select said needed object from said plural objects stored in said server storage device; said information processing server referring to said  
5 installed list to select from said plural objects stored in said server storage device a link object including said unique information and the URL, said link object being linked to said needed object and not being stated in the installed list, said information processing server sending said needed object and said link object to said mobile terminal as said  
10 selected object.

9. The information processing system according to claim 8, wherein said information processing server forms an install execute sequence for installing said needed object and the link object in a preset sequence and sends said needed object and the link object in said install  
5 execute sequence to said mobile terminal.

10. The information processing system according to claim 9, wherein if the communication between said mobile terminal and the said information processing server is interrupted during the install processing as from transmission of said install request from said mobile  
5 terminal to said information processing server until the object from said information processing server is installed in said terminal storage device, said information processing server discontinues the install processing in accordance with said install execute sequence;

said mobile terminal sending an installation re-initiating request  
10 to said information processing server in case the communication  
between said mobile terminal and the said information processing server  
is possible;

said information processing server on receipt of said installation  
re-initiating request re-initiating the discontinued install processing in  
15 accordance with said install execute sequence).

11. The information processing system according to claim 7, wherein  
a set-up program code associated with each of the objects of the  
updated object group is stored in said terminal storage device; and  
wherein

5 said mobile terminal in executing each of the objects of said  
updated object group installed in said terminal storage device converts  
each updated object into a program code which is the form of using each  
updated object on said mobile terminal, and sends to said information  
processing server a malfunction report representing each updated object  
10 suffering from said malfunction based on the result of collation between  
said program code and the set-up program code.

12. The information processing system according to claim 11,  
wherein

a plurality of said set-up program codes, associated with said  
plural objects, are stored in said server storage device; and wherein

5 when said set-up program code, stored in said server storage  
device, is updated to the latest set-up program codes, said information  
processing server refers to said list of state of use of the objects to

transmit said latest set-up program code associated with each of the objects of the updated object group, among the plural objects stored in  
10 said server storage device, to said mobile terminal;

said mobile terminal updating said set-up program code stored in said terminal storage device to said latest set-up program code.

13. The information processing system according to claim 11, wherein

said terminal identification information as well as said unique information and the URL of each of said updated objects where said  
5 malfunction has occurred are stated by said mobile terminal in said malfunction report;

said information processing server storing said malfunction report in said server storage device.

14. The information processing system according to claim 11, wherein

said set-up program code is a program code where said malfunction occurs; and wherein

5 said mobile terminal sends said malfunction report to said information processing server in case of coincidence of said program code and the set-up program code.

15. The information processing system according to claim 11, wherein

said malfunction report is included in said recovery request.

16. A mobile terminal connected over a network to an information processing server including a server storage device having stored

therein a plurality of objects, said mobile terminal including:

5 a management unit for forming an install list; each of said objects including unique information and a URL (Uniform Resource Locator) for accessing said information processing server for updating;

said unique information and the URL of a needed object necessary for installation, among said plural objects, being stated in said install list; and

10 a communication unit for transmitting an install request including said install list to said information processing server;

said install request being such information in which said information processing server refers to said install list to select the object for transmission from said plural objects stored in said server  
15 storage device to transmit the selected object to said communication unit.

17. The mobile terminal according to claim 16, further comprising

a terminal storage device in which a group of objects among said plural objects are installed; wherein

said management unit forms an installed list stating said unique  
5 information and the URL of said group of objects;

said install request further including said installed list and being such information in which said information processing server refers to said installed list to form a list of unneeded objects, having therein the unique information and the URL of an unneeded object which becomes  
10 unnecessary when said selected object among said objects of said object group has been installed in said terminal storage device, said list of



unnneeded objects being transmitted along with said selected object to said communication unit.

18. A mobile terminal connected over a network to an information processing server including a server storage device having stored therein a plurality of objects, said mobile terminal comprising:

5 a terminal storage device in which a group of objects among said plural objects are installed;

a management unit for forming an install list and an installed list;

said install list representing a needed object, among said plural objects, which is necessary for installation; said installed list representing said object group installed in said terminal storage device;

10 and

a communication unit for transmitting an install request, including said install list and the installed list, to said information processing server;

15 said install request being such information in which said information processing server refers to said install list to select the object for transmission from said plural objects stored in said server storage device; said information processing server further referring to said installed list to form a list of unneeded objects representing an object which becomes unnecessary when the selected object among the  
20 objects of said object group is installed in said terminal storage device; said selected object and the list of unneeded objects being sent to said communication unit.

19. The mobile terminal according to claim 18, wherein

each of said plural objects includes unique information and a URL (Uniform Resource Locator) for accessing said information processing server for updating;

5        said unique information and the URL of said needed object being stated by said management unit in said install list;

      said unique information and the URL of said group of objects being stated by said management unit in said installed list;

      said unique information and the URL of said unneeded object  
10 being stated by said information processing server in said list of unneeded objects.

20.    The mobile terminal according to claim 17, further comprising

      a controller for installing said selected object sent from said information processing server in said terminal storage device and for referring to said list of unneeded objects from said information  
5 processing server to delete said unneeded object from said group of objects; and wherein

      said selected object and the group having objects deleted are stored by said controller as an updated object group in said terminal storage device.

21.    The mobile terminal according to claim 20, wherein

      said install request further includes terminal identification information for discriminating said mobile terminal and is such information in which said information processing server is responsive to  
5 said install request to form a list of state of use of the objects to store said list of state of use of the objects in said server storage device;

said list of state of use of the objects having stated therein by said information processing server the terminal identification information, the unique information and the URL of the unneeded object, presently deleted, the unique information and the URL of the object group having said unneeded object deleted, and the unique information and the URL of the selected presently newly installed object.

22. The mobile terminal according to claim 21, wherein

if a malfunction has occurred in executing each object of said updated object group, installed in said terminal storage device, said communication unit sends to said information processing server a recovery request which is said install request for restoring said updated object group installed in said terminal storage device to said object group;

said recovery request including a recovery request list, including said terminal identification information and said unique information and the URL of said updated object group installed in said terminal storage device, stated by said mobile terminal; said recovery request being such information in which the information processing server refers to said recovery request list and the list of state of use of the objects stored in said server storage device to select from said plural objects stored in said server storage device said unneeded object to be installed by said controller in said terminal storage device; said information processing server forming a list of unneeded restoration objects stating said unique information and the URL of the selected object which becomes unnecessary when said unneeded object among the objects of the updated

20 object group has been installed on said terminal storage device; said information processing server sending said list of unneeded restoration objects along with said unneeded object to said communication unit.

23. The mobile terminal according to claim 20, wherein

said install request is such information in which said information processing server refers to said install list to select said needed object from said plural objects stored in said server storage device, said  
5 information processing server also referring to said installed list to select from said plural objects stored in said server storage device a link object which is linked to said needed object and which includes said unique information and the URL not stated in said installed list to send the needed object and the link object as said selected object to said  
10 communication unit.

24. The mobile terminal according to claim 23, wherein

said install request is such information in which said information processing server forms an install execute sequence for performing the installation of said needed object and said link object in a preset  
5 sequence to send said needed object and said link object in a preset sequence to said communication unit in accordance with said install execute sequence.

25. The mobile terminal according to claim 24, wherein

if the communication between said communication unit and said information processing server is interrupted during the install processing as from transmission of said install request by said  
5 communication unit to said information processing server until the

object from said information processing server is installed by said controller in said terminal storage device, said install processing is discontinued by said information processing server in accordance with said install execute sequence;

10           said communication unit sending an installation re-initiating request for re-initiating the discontinued install processing to said information processing server in case the communication between said mobile terminal and the said information processing server is possible).

26.    The mobile terminal according to claim 22 further comprising:

          the mobile terminal further comprises a conversion unit for converting each updated object into a program code, which is a form of using each updated object on said mobile terminal, in executing each  
5   object of said updated object group installed on said terminal storage device;

          said terminal storage device includes a set-up program code associated with each of the objects of the updated object group; and

          said management unit forms a malfunction report representing  
10   each updated object where said malfunction has occurred, based on the result of collation between said program code and the set-up program code; and wherein

          said communication unit sends the malfunction report to said information processing server.

27.    The mobile terminal according to claim 26, wherein

          a plurality of said set-up program codes, associated with said plural objects, are stored in said server storage device; and wherein

when said set-up program codes, stored in said server storage  
5 device, are updated to the latest set-up program codes, said information  
processing server refers to said list of state of use of the objects to  
transmit said latest set-up program code associated with each of the  
objects of the updated object group, among the plural objects stored in  
said server storage device, to said mobile terminal;

10       said controller updating said set-up program code stored in said  
terminal storage device to said latest set-up program code.

28.     The mobile terminal according to claim 26, wherein

      said terminal identification information as well as said unique  
information and the URL of each of said updated objects where said  
malfunction has occurred is stated by said management unit in said  
5 malfunction report;

      said information processing server storing said malfunction  
report in said server storage device.

29.     The mobile terminal according to claim 26, wherein

      said set-up program code is a program code where said  
malfunction occurs; and wherein

      said communication unit sends said malfunction report to said  
5 information processing server in case of coincidence of said program  
code and the set-up program code).

30.     The mobile terminal according to claim 26, wherein

      said malfunction report is contained in said recovery request.

31.     An information processing server connected to a mobile terminal  
over a network, comprising:

a server storage device having stored therein a plurality of objects, each of said objects including unique information and a URL  
5 (Uniform Resource Locator) for accessing to the information processing server for updating;

a server communication unit for receiving an install request from said mobile terminal; said install request including an install list having therein said unique information and the URL of a needed object, among  
10 said plural objects, that is necessary for installation; and

a server management unit for referring to said install list for selecting an object for transmission from the plural objects stored in said server storage device;

said server communication unit transmitting the selected object  
15 to said mobile terminal.

32. The information processing server according to claim 31, wherein a group of objects among said plural objects are installed in the terminal storage device of said mobile terminal;

said install request further including an installed list including  
5 said unique information and the URL of said object group; and wherein

said server management unit refers to said installed list to form a list of unneeded objects including the unique information and the URL of an unneeded object, that is an object which becomes unnecessary when said selected object of the group of objects is installed in said  
10 terminal storage device;

said server communication unit transmitting the list of unneeded objects along with the selected object to said mobile terminal.

33. An information processing server connected over a network to a mobile terminal including a terminal storage device having installed therein a group of objects among a plurality of objects, said information processing server comprising:

5           a server storage device having stored therein said plural objects;  
          a server communication unit for receiving an install request from said mobile terminal; said install request including an install list and an installed list;

          said install list representing a needed object among said plural  
10       objects that is necessary for installation and said installed list representing said group of objects installed in said terminal storage device; and

          a server management unit for referring to said install list to select an object for transmission from said plural objects stored in said server  
15       storage device; said server management unit also referring to said installed list to form a list of unneeded objects, among the objects of said group of objects, said unneeded objects being objects which become unnecessary when said selected object has been installed on said terminal storage device;

20           said server communication unit sending said selected object and the list of unneeded objects to said mobile terminal.

34. The information processing server according to claim 33, wherein  
          each of said plural objects includes unique information and a URL (Uniform Resource Locator) for accessing to said information processing server for updating;



5           said install list having therein said unique information and the URL of said needed object stated by said mobile terminal;

          said installed list having therein said unique information and the URL of said object group stated by said mobile terminal;

          said list of unneeded objects having therein the unique  
10 information and the URL of said unneeded objects stated by said server management unit.

35.   The information processing system according to claim 32, wherein

          said selected object is installed by said mobile terminal in said terminal storage device; said mobile terminal referring to said list of  
5 unneeded objects; said unneeded object among the objects of the object group being deleted by said mobile terminal; and wherein

          said selected object and the object group deleted are stored in said terminal storage device as an updated object group.

36.   The information processing server according to claim 35, wherein

          said install request further includes the terminal identification information for discriminating said mobile terminal; and wherein

          said server management unit forms a list of state of use of the  
5 objects, responsive to said install request, to store said list in said server storage device;

          said list of state of use of the objects having therein said terminal identification information, said unique information and the URL of the unneeded object, presently deleted, said unique information and the  
10 URL of said group of objects having said unneeded object deleted, and

said unique information and the URL of the presently newly installed selected object, stated by the information processing server.

37. The information processing server according to claim 36, wherein  
said server communication unit receives, from said mobile terminal, a recovery request which is said install request for restoring said updated object group, installed in said terminal storage device, to  
5 said object group;

said recovery request being sent by said mobile terminal when a malfunction has occurred in executing each object of said updated object group, installed in said terminal storage device, by said mobile terminal, and including a recovery request list having stated therein by said  
10 mobile terminal the terminal identification information and the unique information and the URL of the updated object group installed in said terminal storage device; and wherein

said server management unit refers to said recovery request list and the list of state of use of the objects, stored in said server storage  
15 device, to select from said plural objects stored in said server storage device said unneeded object to be installed by said mobile terminal in said terminal storage device; said server management unit forming a list of unneeded restoration objects stating said unique information and the URL of the selected object which becomes unnecessary when said  
20 unneeded object among the objects of the updated object group has been installed on said terminal storage device;

said server communication unit sending said list of unneeded restoration objects along with said unneeded object to said mobile

terminal.

38. The information processing server according to claim 35, wherein  
said server management unit refers to said install list to select  
said needed object from the plural objects stored in said server storage  
device; said server management unit also referring to said installed list  
5 to select from said plural objects stored in said server storage device a  
link object including said unique information and the URL, which is  
linked to said needed object and which is not stated in the installed list,  
said server communication unit sending said unneeded object and  
the link object as said selected objects to said mobile terminal.

39. The information processing server according to claim 38, wherein  
said server management unit forms an install execute sequence  
for installing said needed object and the link object in a preset sequence;  
said server communication unit sending said needed object and  
5 the link object in a preset sequence to said mobile terminal.

40. The information processing server according to claim 39, wherein  
if the communication between said mobile terminal and said  
server communication unit is interrupted during the install processing as  
from transmission of said install request from said mobile terminal to  
5 said server communication unit until the object from said server  
communication unit is installed in said terminal storage device, said  
server communication unit discontinues the install processing in  
accordance with said install execute sequence; and wherein

if the communication between said mobile terminal and said  
10 server communication unit is possible, said server communication unit

receives from said mobile terminal an installation re-initiation request for re-initiating the installation processing, once discontinued, in accordance with said install execute sequence.

41. The information processing server according to claim 37, wherein a set-up program code associated with each of the objects of the updated object group is stored in said terminal storage device; and wherein

5 said server communication unit receives a malfunction report from said mobile terminal;

said malfunction report being sent from said mobile terminal based on the result of collation between the set-up program code and the program code converted by said mobile terminal into a form of use on  
10 said mobile terminal from each updated object when each updated object of the updated object group installed on said terminal storage device is executed by said mobile terminal; said malfunction report representing each updated object suffering from the malfunction.

42. The information processing server according to claim 41, wherein said set-up program code associated with each of said plural objects is stored in said server storage device; and wherein

when said set-up program code stored in said server storage  
5 device is updated to the latest set-up program code, said server management unit refers to said list of state of use of the objects to select said latest set-up program code associated with each of the objects of the updated object group among said plural objects stored in said server storage device, said server communication unit sending said latest set-

10 up program code to said mobile terminal;

said set-up program code being stored in said terminal storage device being updated to said latest set-up program code.

43. The information processing server according to claim 41, wherein said malfunction report has therein said terminal identification information, the unique information and the URL of the updated object suffering from the malfunction, stated by said mobile terminal;

5 said server management unit storing said malfunction report in said server storage device.

44. The information processing server according to claim 41, wherein said set-up program code is a program code where said malfunction occurs and wherein

5 said malfunction report is sent by said mobile terminal when said program code coincides with said set-up program code.

45. The information processing server according to claim 41, wherein said malfunction report is included in said recovery request.

46. The information processing system according to claim 4, wherein said mobile terminal performs installs the selected object sent from said information processing server in said terminal storage device, said mobile terminal referring to the list of unneeded objects sent from said information processing server to delete said unneeded object from said group of objects; and wherein

said selected object and the deleted group of objects are stored in said terminal storage device as an updated group of objects by said mobile terminal.

47. The information processing system according to claim 46, wherein

said install request further includes a terminal identification information for discriminating said mobile terminal;

5       said information processing server forming a list of state of use of the objects, responsive to said install request, to store said list in said server storage device;

      said list of state of use of the objects having therein said terminal identification information, said unique information and the URL of the  
10       unneeded object, presently deleted, said unique information and the URL of said group of objects having said unneeded object deleted, and said unique information and the URL of presently newly installed selected object, stated by said information processing server.

48. The information processing system according to claim 47, wherein

      said mobile terminal sends to said information processing server a recovery request, as said install request, for restoring the updated  
5       group of objects, installed in said terminal storage device, to said group of objects, when a malfunction occurs in executing each object of the group of the updated objects installed in said terminal storage device;

      said recovery request including a recovery request list having stated therein by said mobile terminal said terminal identification  
10       information and said unique information as well as the URL of said updated group of objects installed in said terminal storage device;

      said information processing server referring to said recovery

request list and the list of state of use of the objects stored in said server storage device to select from said plural objects stored in said server storage device said unneeded object to be installed by said mobile terminal in said terminal storage device; said information processing server forming a list of unneeded restoration objects, among the objects of said group of objects, having stated therein the unique information and the URL of the selected object which become unnecessary when the unneeded object has been installed in said terminal storage device, said information processing server transmitting the list of unneeded restoration objects to said mobile terminal along with said unneeded object.

49. The information processing system according to claim 46, wherein

said information processing server refers to said install list to select said needed object from said plural objects stored in said server storage device; said information processing server referring to said installed list to select from said plural objects stored in said server storage device a link object including said unique information and the URL, said link object being linked to said needed object and not being stated in the installed list, said information processing server sending said needed object and said link object to said mobile terminal as said selected object.

50. The information processing system according to claim 49, wherein

said information processing server forms an install execute

sequence for installing said needed object and the link object in a preset  
5 sequence and sends said needed object and the link object in a preset  
sequence to said mobile terminal).

51. The information processing system according to claim 50,  
wherein

if the communication between said mobile terminal and the said  
information processing server is interrupted during the install  
5 processing as from transmission of said install request from said mobile  
terminal to said information processing server until the object from said  
information processing server is installed in said terminal storage  
device, said information processing server discontinues the install  
processing in accordance with said install execute sequence;

10 said mobile terminal sending an installation re-initiating request  
to said information processing server in case the communication  
between said mobile terminal and the said information processing server  
is possible;

said information processing server on receipt of said installation  
15 re-initiating request re-initiating the discontinued install processing in  
accordance with said install execute sequence).

52. The information processing system according to claim 48,  
wherein

a set-up program code associated with each of the objects of the  
updated object group is stored in said terminal storage device; and  
5 wherein

said mobile terminal in executing each of the objects of said



updated object group installed in said terminal storage device converts each updated object into a program code which is the form of using each updated object on said mobile terminal, and sends to said information processing server a malfunction report representing each updated object suffering from said malfunction based on the result of collation between said program code and the set-up program code.

53. The information processing system according to claim 52, wherein

a plurality of said set-up program codes, associated with said plural objects, are stored in said server storage device; and wherein

5 when said set-up program code, stored in said server storage device, is updated to the latest set-up program codes, said information processing server refers to said list of state of use of the objects to transmit said latest set-up program code associated with each of the objects of the updated object group, among the plural objects stored in said server storage device, to said mobile terminal;

said mobile terminal updating said set-up program code stored in said terminal storage device to said latest set-up program code.

54. The information processing system according to claim 52, wherein

said terminal identification information as well as said unique information and the URL of each of said updated objects where said malfunction has occurred are stated by said mobile terminal in said malfunction report;

said information processing server storing said malfunction

report in said server storage device.

55. The information processing system according to claim 52, wherein

said set-up program code is a program code where said malfunction occurs; and wherein

5 said mobile terminal sends said malfunction report to said information processing server in case of coincidence of said program code and the set-up program code).

56. The information processing system according to claim 52, wherein

said malfunction report is included in said recovery request.

57. The mobile terminal according to claim 19 further comprising

a controller for installing said selected object sent from said information processing server in said terminal storage device and for referring to said list of unneeded objects from said information  
5 processing server to delete said unneeded object from said group of objects; and wherein

said selected object and the group having objects deleted are stored by said controller as an updated object group in said terminal storage device.

58. The mobile terminal according to claim 57, wherein

said install request further includes terminal identification information for discriminating said mobile terminal and is such information in which said information processing server is responsive to  
5 said install request to form a list of state of use of the objects to store

said list of state of use of the objects in said server storage device;

said list of state of use of the objects having stated therein by  
said information processing server the terminal identification  
information, the unique information and the URL of the unneeded object,  
10 presently deleted, the unique information and the URL of the object  
group having said unneeded object deleted, and the unique information  
and the URL of the selected presently newly installed object.

59. The mobile terminal according to claim 58, wherein

if a malfunction has occurred in executing each object of said  
updated object group, installed in said terminal storage device, said  
communication unit sends to said information processing server a  
5 recovery request which is said install request for restoring said updated  
object group installed in said terminal storage device to said object  
group;

said recovery request including a recovery request list, including  
said terminal identification information and said unique information and  
10 the URL of said updated object group installed in said terminal storage  
device, stated by said mobile terminal; said recovery request being such  
information in which the information processing server refers to said  
recovery request list and the list of state of use of the objects stored in  
said server storage device to select from said plural objects stored in  
15 said server storage device said unneeded object to be installed by said  
controller in said terminal storage device; said information processing  
server forming a list of unneeded restoration objects stating said unique  
information and the URL of the selected object which becomes

unnecessary when said unneeded object among the objects of the updated  
20 object group has been installed on said terminal storage device; said  
information processing server sending said list of unneeded restoration  
objects along with said unneeded object to said communication unit.

60. The mobile terminal according to claim 57, wherein

said install request is such information in which said information  
processing server refers to said install list to select said needed object  
from said plural objects stored in said server storage device, said  
5 information processing server also referring to said installed list to  
select from said plural objects stored in said server storage device a link  
object which is linked to said needed object and which includes said  
unique information and the URL not stated in said installed list to send  
the needed object and the link object as said selected object to said  
10 communication unit.

61. The mobile terminal according to claim 60, wherein

said install request is such information in which said information  
processing server forms an install execute sequence for performing the  
installation of said needed object and said link object in a preset  
5 sequence to send said needed object and said link object in a preset  
sequence to said communication unit in accordance with said install  
execute sequence.

62. The mobile terminal according to claim 61, wherein

if the communication between said communication unit and said  
information processing server is interrupted during the install  
processing as from transmission of said install request by said

5 communication unit to said information processing server until the object from said information processing server is installed by said controller in said terminal storage device, said install processing is discontinued by said information processing server in accordance with said install execute sequence;

10 said communication unit sending an installation re-initiating request for re-initiating the discontinued install processing to said information processing server in case the communication between said mobile terminal and the said information processing server is possible).

63. The mobile terminal according to claim 59 further comprising

a conversion unit for converting each updated object into a program code, which is a form of using each updated object on said mobile terminal, in executing each object of said updated object group

5 installed on said terminal storage device;

said terminal storage device including a set-up program code associated with each of the objects of the updated object group;

said management unit forming a malfunction report representing each updated object where said malfunction has occurred, based on the  
10 result of collation between said program code and the set-up program code;

said communication unit sending the malfunction report to said information processing server.

64. The mobile terminal according to claim 63, wherein

a plurality of said set-up program codes, associated with said plural objects, are stored in said server storage device; and wherein

when said set-up program codes, stored in said server storage  
5 device, are updated to the latest set-up program codes, said information  
processing server refers to said list of state of use of the objects to  
transmit said latest set-up program code associated with each of the  
objects of the updated object group, among the plural objects stored in  
said server storage device, to said mobile terminal;

10 said controller updating said set-up program code stored in said  
terminal storage device to said latest set-up program code.

65. The mobile terminal according to claim 63, wherein

said terminal identification information as well as said unique  
information and the URL of each of said updated objects where said  
malfunction has occurred is stated by said management unit in said  
5 malfunction report;

said information processing server storing said malfunction  
report in said server storage device.

66. The mobile terminal according to claim 65, wherein

said set-up program code is a program code where said  
malfunction occurs; and wherein

said communication unit sends said malfunction report to said  
5 information processing server in case of coincidence of said program  
code and the set-up program code).

67. The mobile terminal according to claim 59, wherein

said malfunction report is contained in said recovery request.

68. The information processing system according to claim 34,  
wherein

said selected object is installed by said mobile terminal in said terminal storage device; said mobile terminal referring to said list of  
5 unneeded objects; said unneeded object among the objects of the object group being deleted by said mobile terminal; and wherein

said selected object and the object group deleted are stored in said terminal storage device as an updated object group.

69. The information processing server according to claim 68, wherein  
said install request further includes the terminal identification information for discriminating said mobile terminal; and wherein

said server management unit forms a list of state of use of the  
5 objects, responsive to said install request, to store said list in said server storage device;

said list of state of use of the objects having therein said terminal identification information, said unique information and the URL of the unneeded object, presently deleted, said unique information and the  
10 URL of said group of objects having said unneeded object deleted, and said unique information and the URL of the presently newly installed selected object, stated by the information processing server.

70. The information processing server according to claim 69, wherein  
said server communication unit receives, from said mobile terminal, a recovery request which is said install request for restoring  
said updated object group, installed in said terminal storage device, to  
5 said object group;

said recovery request being sent by said mobile terminal when a malfunction has occurred in executing each object of said updated object

group, installed in said terminal storage device, by said mobile terminal, and including a recovery request list having stated therein by said  
10 mobile terminal the terminal identification information and the unique information and the URL of the updated object group installed in said terminal storage device; and wherein

said server management unit refers to said recovery request list and the list of state of use of the objects, stored in said server storage  
15 device, to select from said plural objects stored in said server storage device said unneeded object to be installed by said mobile terminal in said terminal storage device; said server management unit forming a list of unneeded restoration objects stating said unique information and the URL of the selected object which becomes unnecessary when said  
20 unneeded object among the objects of the updated object group has been installed on said terminal storage device;

said server communication unit sending said list of unneeded restoration objects along with said unneeded object to said mobile terminal.

71. The information processing server according to claim 68, wherein

said server management unit refers to said install list to select said needed object from the plural objects stored in said server storage device; said server management unit also referring to said installed list  
5 to select from said plural objects stored in said server storage device a link object including said unique information and the URL, which is linked to said needed object and which is not stated in the installed list,

said server communication unit sending said unneeded object and



the link object as said selected objects to said mobile terminal.

72. The information processing server according to claim 71, wherein  
said server management unit forms an install execute sequence  
for installing said needed object and the link object in a preset sequence;  
said server communication unit sending said needed object and  
5 the link object in a preset sequence to said mobile terminal.

73. The information processing server according to claim 72, wherein  
if the communication between said mobile terminal and said  
server communication unit is interrupted during the install processing as  
from transmission of said install request from said mobile terminal to  
5 said server communication unit until the object from said server  
communication unit is installed in said terminal storage device, said  
server communication unit discontinues the install processing in  
accordance with said install execute sequence; and wherein

if the communication between said mobile terminal and said  
10 server communication unit is possible, said server communication unit  
receives from said mobile terminal an installation re-initiation request  
for re-initiating the installation processing, once discontinued, in  
accordance with said install execute sequence.

74. The information processing server according to claim 73, wherein  
a set-up program code associated with each of the objects of the  
updated object group is stored in said terminal storage device; and  
wherein

5 said server communication unit receives a malfunction report  
from said mobile terminal;

said malfunction report being sent from said mobile terminal based on the result of collation between the set-up program code and the program code converted by said mobile terminal into a form of use on  
10 said mobile terminal from each updated object when each updated object of the updated object group installed on said terminal storage device is executed by said mobile terminal; said malfunction report representing each updated object suffering from the malfunction.

75. The information processing server according to claim 70, wherein said set-up program code associated with each of said plural objects is stored in said server storage device; and wherein

when said set-up program code stored in said server storage  
5 device is updated to the latest set-up program code, said server management unit refers to said list of state of use of the objects to select said latest set-up program code associated with each of the objects of the updated object group among said plural objects stored in said server storage device, said server communication unit sending said latest set-  
10 up program code to said mobile terminal;

said set-up program code being stored in said terminal storage device being updated to said latest set-up program code.

76. The information processing server according to claim 75, wherein said malfunction report has therein said terminal identification information, the unique information and the URL of the updated object suffering from the malfunction, stated by said mobile terminal;

5 said server management unit storing said malfunction report in said server storage device.

77. The information processing server according to claim 76, wherein  
said set-up program code is a program code where said  
malfunction occurs and wherein  
said malfunction report is sent by said mobile terminal when said  
5 program code coincides with said set-up program code).
78. The information processing server according to claim 77, wherein  
said malfunction report is included in said recovery request.